

# METHOD AND APPARATUS FOR MANAGING REPLICATED AND MIGRATION CAPABLE SESSION STATE FOR A JAVA PLATFORM

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## ABSTRACT OF THE DISCLOSURE

10 An invention is disclosed managing the replicated and migration capable state for  
an enterprise Java bean (EJB) application. The invention includes executing a Java  
application on a server that includes an entity bean. In addition, a replicated state  
manager is executed that includes program instructions for managing an in-memory state  
of the Java application, and program instructions for replicating the in-memory state of  
the Java application to a replicated state server. The replicated state server can be a  
memory replicated state server, or a disk replicated state server. To facilitate application  
15 state management, embodiments of the present invention store states of the entity beans  
objects using state objects, which are updated in response to changes in the state of the  
application. Hence, the embodiments of the present invention define a logical separation  
between the application and the state objects.